Have feedback on QuickSpecs? We're listening

HPE StoreOnce Systems QuickSpecs

If data growth is leaving you struggling with complex, distributed, and costly data protection. Are you concerned about the threat from ransomware? Do you have data that's not being protected because backup windows are not long enough, or backup jobs are failing? Would you like to leverage both local and cloud-based storage for hybrid data protection?

Reduce cost, risk, and complexity of data protection with HPE StoreOnce; disk-based, deduplicating, cloud integrated, backup systems providing automated backup, data recovery, and data retention for hybrid infrastructure.

Overview

Cut the cost of data protection with a single, unified deduplication architecture offering best in class price-performance across the range. HPE StoreOnce protects small, remote offices to enterprise data centers with highly scalable, preconfigured, dedicated systems and agile virtual appliances and with your choice of backup and recovery software to deliver robust, flexible enterprise-wide data protection. HPE StoreOnce can reduce the amount of backup data you need to store by 95% or more. With our scalable architecture you can pay-as-you-grow and independently scale local and cloud storage, managed through a single console.

Reduce the risk of backup jobs overrunning with industry-leading backup speeds of up to 300 TB/hr so you can meet the most stringent SLAs. When it comes to backup, data recovery and data retention, HPE StoreOnce includes all the features you'd expect from backup storage including data encryption to secure your data at rest, data in flight and data in the cloud.

Simplify and enable your hybrid infrastructure, with HPE StoreOnce inline deduplication technology. Managing the location of backup data has never been easier. The backup-optimized HPE StoreOnce Catalyst interface delivers high performance and control through your chosen backup software. HPE StoreOnce Cloud Bank extends backup storage with connected object storage, on-premises or in the cloud, to further reduce your cost, risk and complexity.

Capacity and Performance Numbers

A key attribute of HPE HPE StoreOnce® Systems is the high efficiency deduplication and compression that delivers significant space savings compared to storing recovery points on general purpose storage. HPE StoreOnce deduplication, with fine grained 4 KB chunk sizes, is the most efficient space saving technology available in a backup storage system. In addition to the HPE StoreOnce data reduction deduplication, the space saving achieved is dependent upon many factors including the type of data being protected, nature and frequency of changes to this data, backup software settings, backup schedule, recovery point retention and concurrent tasks contending for resources.

This QuickSpecs contains maximum performance numbers using HPE StoreOnce Catalyst and raw, usable and effective capacity. Raw capacity is the installed capacity of media used to store backup data. This is configured with RAID or other protection against media failure. The usable capacity is the available physical capacity after this protection. The effective capacity is the logical capacity as a result of the HPE StoreOnce data reduction space saving. A ratio of 60:1 is used between the effective capacity and the usable capacity to indicate the space saving that can be achieved. To accurately size the required capacity of the HPE StoreOnce system and the performance required to meet your backup window, your HPE partner or representative should use the HPE StoreOnce Sizer.

HPE StoreOnce VSA

HPE StoreOnce VSA is a software defined appliance that can be managed in the same console as the purpose built HPE StoreOnce systems described in this QuickSpecs. For more information see the HPE StoreOnce VSA QuickSpecs.

HPE Alletra Storage MP X10000 with data protection acceleration node(s)

The HPE Alletra Storage MP X10000 can be deployed with up to 4 data protection acceleration nodes, based on HPE StoreOnce technology, to provide the fastest backup and restore performance and effective capacities of up to 480 PB in a single system. For more information see the HPE Alletra Storage MP X10000 QuickSpecs.

Overview

What's New

The new HPE StoreOnce Gen5 systems, designed with improved capacity density and reduced power consumption.

- HPE StoreOnce 7700 for the fastest backup and restore requirements
- HPE StoreOnce 5720 for large and enterprise environments
- HPE StoreOnce 3760 for mid-range and small data center environments
- HPE StoreOnce 3720 for small and branch environments
- HPE StoreOnce Software 5.2.0 for the Gen5 HPE StoreOnce systems
- HPE StoreOnce Software 4.3.12 to improve reliability and supportability for the HPE StoreOnce Gen4 Plus and Gen4 systems

Models

Generation	Designed for	Model	Usable capacity (TB)		Catalyst write (max TB/hour)
			Local	Cloud Bank	
Gen5	Small / branch	HPE StoreOnce 3720	18 – 72	1 – 144	15
	Mid-range	HPE StoreOnce 3760	108 – 216	1 – 432	25
	Mid-range and enterprise	HPE StoreOnce 5720	144 – 576	1 – 1,152	70
	High-performance	HPE StoreOnce 7700	92 – 552	1 – 2,208	300
Gen4 Plus	Small / branch	HPE StoreOnce 3660	56 – 200	1 – 400	25
	Mid-range	HPE StoreOnce 5260	144 – 576	1 – 1,152	60
	Enterprise	HPE StoreOnce 5660	144 – 1,152	1 – 2,304	105

To help with choosing the most appropriate HPE StoreOnce System for your specific environment, we recommend you talk to your Hewlett Packard Enterprise partner or sales advisor.

Standard Features

The following features and benefits apply to all HPE StoreOnce models. Where differences exist between models and generations, they are explained in the description.

Scaling Up and Scaling Out Capacity Across the Enterprise

Keeping pace with data growth, HPE StoreOnce systems span from an entry-level 18 TB model to an enterprise class model with over 1 PB that can be expanded over 3 PB usable capacity with Cloud Bank Storage. You can choose from preconfigured, dedicated backup systems to match the capacity and performance requirements of larger offices and data center deployments or virtual appliances utilizing existing infrastructures for virtualized environments and smaller and remote offices. HPE StoreOnce deduplication can be extended to cloud and on-premises object storage to create a hybrid backup infrastructure to increase capacity and reduce the cost of backup data that requires extended retention times.

Lowering Data Protection Costs by Reducing Your Backup Data Storage Needs

HPE StoreOnce data reduction reduces the storage capacity required to store backup data sets for substantial savings on storage hardware, power consumption and management costs without impacting backup performance. This storage efficiency allows restore points to be retained for longer for greater backup data accessibility and rapid restore of lost or corrupt data. HPE StoreOnce deduplication also enables network efficient offsite restore points by reducing the amount of data that needs to be replicated, enabling the use of lower bandwidth, lower cost links to transmit data offsite. This opens the way to cost-effective centralized backup from remote sites or branch offices and delivers a consolidated disaster recovery solution for the data center.

Meeting Shrinking Backup Windows

Industry-leading performance - protect large amounts of data within short backup windows with native high performance or the enhanced speed of HPE StoreOnce Catalyst. Minimize backup job overruns with industry-leading speeds of up to 300 TB/hour which means you can shrink backup windows and meet the most stringent SLAs. You can enhance performance by deduplicating at the application source.

Reducing the Time to Restore Data

High speed backup is important, but when system failure strikes being able to restore your data in the shortest time possible is critical to minimizing downtime. That’s why HPE StoreOnce offers industry-leading RPOs and RTOs, particularly with the all-flash HPE StoreOnce 7700.

Freeing up Your IT Resources

Reduce the time spent managing multiple data protection devices and processes and free-up IT resources by consolidating and automating your backup data onto HPE StoreOnce systems. For organizations that have branch and small offices, HPE StoreOnce helps you protect the data at remote sites. You can eliminate the need for dedicated hardware if you use HPE StoreOnce VSA at these sites.

Standard Features

Lowering the Cost of Long-Term Backup Data Retention

Cloud Bank Storage extends the usable capacity of HPE StoreOnce by combining low object storage costs with HPE StoreOnce deduplication. This reduces the storage costs of long-term backup data retention and enables off site data protection without investing in offsite facilities. This is delivered by an extension to HPE StoreOnce Catalyst that leverages public cloud and/or private object storage. This connected object storage is used to provide capacity to the Catalyst Cloud Bank Store which integrates seamlessly into existing workflows. Backup data is written to a Catalyst Store and then, within the policy of the writing application, all or some of this backup data is copied to the Catalyst Cloud Bank Store for long term retention.

Reducing the Risk to Data at Rest and Data in Flight

HPE StoreOnce security provides data at rest and data in flight encryption which prevents unauthorized access to data on disk that has been lost, stolen, or discarded, as well as data being transmitted between devices. It also offers secure erase functionality to prevent expired backups being accessed. These functions can be configured on an application or store basis and are not restricted to the whole HPE StoreOnce system. Data in flight encryption is supported to secure links between devices for HPE StoreOnce replication, Catalyst Copy and Catalyst backup operations. It is not recommended to use IPsec if performing regular restores (including Veeam Backup Copy Jobs) or tape offloads. It is possible write performance may be impacted when using IPsec, however performance improvements should be seen after the first backup. Data in Flight encryption via IPsec is supported on HPE StoreOnce Catalyst only. Using data in flight encryption for VTL direct backup operations to the HPE StoreOnce System over a local network is not supported due to the performance impact.

HPE StoreOnce Catalyst

HPE StoreOnce Catalyst is a data protection optimized interface unique to HPE StoreOnce Systems. It provides higher performance, improved security and more flexible control than emulated tape (VTL) targets or file shares (NFS, SMB). StoreOnce Catalyst is integrated into leading backup applications, so you benefit from simple control of restore point location from a single console. Through your chosen backup application you manage restore point location across your environments to create additional and off-site restore points for added resiliency, with multi-hop, n:1 and 1:n copy configurations supported. HPE StoreOnce Catalyst is an inherently secure protocol and reduces the risk of backups to ransomware compared to using general purpose protocols for backup. StoreOnce Catalyst can run over Ethernet and Fibre Channel networks. Catalyst over Fibre Channel (CoFC) provides the same benefits as Catalyst over Ethernet (CoE) via a Fibre Channel fabric. Catalyst copy over Fibre Channel (CCoFC) utilizes Fibre Channel to transmit copies between HPE StoreOnce Systems. CoFC and CCoFC are useful for customers that have invested in Fibre Channel infrastructure and/or do not want to expand their Ethernet capacity.

Seamlessly Integrating Into Your Environment

HPE invests in extensive interoperability testing to ensure HPE StoreOnce systems work with leading data protection software, operating systems and business application. The highest performance and most flexible protection is enabled using the HPE StoreOnce Catalyst technology. This can be used in Fibre Channel and Ethernet (iSCSI) environments. For backup software that does not have a StoreOnce Catalyst integration, virtual tape libraries (VTL) or file shares (NFS, SMB) shares can be configured. For the current listing of interoperability with backup software, operating systems, applications and networking components refer to the HPE StoreOnce support matrix at http://www.HPE.com/Storage/StoreOnceSupportMatrix

Standard Features

Delivering Reliable Backup and Restore

In any storage system it is essential to ensure that the integrity of the data stored is maintained so data can be recovered exactly as it was written. Corrupted backups can severely impact recovery efforts when you need to restore your data, consequently HPE StoreOnce Systems include HPE StoreOnce Integrity Plus - Industry-leading patented technology to deliver data integrity throughout the lifecycle. With Integrity Plus you get inbuilt protection which not only checks data at many stages both in the backup process and when recovered, but also continually checks the data when at rest, correcting errors if necessary. Additionally, HPE StoreOnce systems feature hardware RAID 6 to reduce the risk of data loss due to disk failure.

Integrated Protection for HPE Alletra Storage MP B10000

The HPE StoreOnce 3720, HPE StoreOnce 3760, HPE StoreOnce 5720 and HPE StoreOnce 7700 can be onboarded to the GreenLake Platform to allow visibility and management using the Data Ops Manager service. Once onboarded, theses HPE StoreOnce systems can used as backup targets for HPE Alletra Storage MP B10000 volume protection policies selected in the GreenLake Block Service. The pre-configured protection policies can be selected to protect a volume or volume set with backup to an onboarded HPE StoreOnce system or a custom protection policy with backup to HPE StoreOnce can be created. This integrated protection delivers high performance snapshot-based protection to generate crash-consistent restore points, on HPE StoreOnce systems, that can be used to extend or replace the protection provided using backup software.

Federated Management of Multiple HPE StoreOnce Systems

By creating a HPE StoreOnce federation, a single HPE StoreOnce browser-based graphical interface can be used to efficiently and consistently manage up to 40 HPE StoreOnce systems. This is valuable for organizations with HPE StoreOnce systems deployed in multiple data centers and/or branch locations. From the GUI of the lead HPE StoreOnce system you can manage all the HPE StoreOnce systems that are members of that federation.

HPE StoreOnce REST API

The HPE StoreOnce REST API provides a well-defined RESTful API that you can use for integrating and automating reporting/management capabilities with HPE StoreOnce systems. The API delivers a programming interface for polling HPE StoreOnce systems with reporting queries at a desired granularity, and the information extracted can be integrated with your reporting and management tools for flexibility in monitoring large HPE StoreOnce environments. The API also allow you to automate and integrate management tasks such as creating and deleting backup targets. The HPE StoreOnce REST API SDK is available for download from here.

Optional Features

Cloud Bank Storage

Cloud Bank Storage is an extension to HPE StoreOnce Catalyst that combines the low cost of object storage with the storage efficiency of HPE StoreOnce deduplication. It connects to external object storage to provide capacity for the Catalyst Cloud Bank store. Using connected object storage in addition to the local system storage increases the usable capacity of the HPE StoreOnce System. When connected to cloud object services, the cloud optimized data transfer and storage minimizes cloud transfer and storage costs. The primary use case for Cloud Bank Storage is to back up to a Catalyst Store and copy the backup data to a Cloud Bank store for low-cost long-term retention. Many public cloud providers and on-premises object storage systems are supported with Cloud Bank Storage.
See the HPE StoreOnce Support Matrix for details. Cloud Bank Storage is a licensed feature. The licenses are available in 1 TB, 10 TB, or 100 TB increments. Licenses are added up to the maximum Cloud Bank Storage capacity for that system. The Models table above shows the maximum licensed Cloud Bank Storage capacity for each model. The licensed capacity is the capacity written to the all the Cloud Bank Storage after deduplication and compression.

Cloud Bank Storage Detach Option

Many object storage vendors offer 'cold' tiers that provide reduced cost. The performance of 'cold' tiers is not sufficient for Cloud Bank Storage operation. For Cloud Bank Storage stores with backup data that will not need to be changed or updated the Store can be detached to enable it to be moved to a cold 'tier'. The Cloud Bank Storage Detach option detaches a store from the host System and puts it into a read only state. It can then be moved, independently of HPE StoreOnce or the backup application, to a 'cold' tier or other location for long-term, low-cost retention. If the detached Store needs to be read for a restore, or other requirement, it must be moved back to a supported storage tier and reattached to a HPE StoreOnce System. This can be the original HPE StoreOnce System or to another HPE StoreOnce. Cloud Bank Storage Detach is a licensed feature. Licenses are available in 1 TB, 10 TB, or 100 TB increments. Licenses are added to a system with one or more Cloud Bank Storage licenses, with no upper limit. When a Store is detached, licenses equal to the capacity of the detached store are consumed and remain with detached Store. On detach the capacity of the detached store is available for other Cloud Bank stores.

Maximum Values for Cloud Bank Storage Licenses

Up to a total of 50 Cloud Bank Storage and Cloud Bank Storage Detach license keys can be added to a System. The capacity enabled by a license key is specified using the https://myenterpriselicense.HPE.com/cwp-ui/auth/login.

For Gen4 Plus systems, the capacity is specified in 1 TB multiples. For the larger Systems, it is recommended to generate license keys with larger multiples of 1 TB to avoid this 50-license key limit becoming a constraint.

Cloud Bank Storage Support Entitlement

Support for Cloud Bank Storage is entitled as part of the HPE Support entitlement for the HPE StoreOnce System the Cloud Bank Storage licenses are installed on. No additional HPE Support Services are available or required.

HPE StoreOnce Security/Encryption

- HPE StoreOnce security provides a Data at Rest and Data in Flight encryption solution, secure Data Shredding features and Data Immutability for data privacy, confidentiality, and integrity of your critical business data while supporting compliance requirements. These are configurable on a by application or by store basis ensuring that you have maximum control over the data you are protecting.
- HPE StoreOnce systems use cryptographic algorithms and modules that have completed a FIPS 140-2 CAVP/CMVP (Cryptographic Algorithm Validation Program/Cryptographic Module Validation Program) validation. These validated modules enable HPE StoreOnce to meet your FIPS 140-2 requirements by:
  - Integrating NIST validated cryptographic module(s) into the product to ensure that critical cryptography uses the module(s) to provide cryptographic services.
  - Using FIPS-validated cryptographic ciphers/functions.
- HPE StoreOnce Data at Rest encryption feature is a software-based solution which provides protection against unauthorized access to data through a stolen, discarded or replaced disk.
  - Encryption occurs after data has been deduplicated and prior to writing the data onto disk.
  - Encryption is enabled on a per store basis (HPE StoreOnce Catalyst, VTL, NFS share, SMB share).
  - Meets compliance needs using industry standard Advanced Encryption Standard (AES) 256 encryption algorithm.
- Local encryption key management is included with the ability to backup and restore keys.
- External encryption key management using third party key manager solutions – see HPE SPOCK for supported applications.
- HPE StoreOnce Data in Flight encryption protects against unauthorized access of data being transferred to/from StoreOnce systems.
  - Data in Flight encryption, enabled via IPsec, is supported on low bandwidth HPE StoreOnce Catalyst backup, Catalyst Copy and replication. In addition, write performance may be impacted, however performance improvements should be seen after first ingest.
  - It is not recommended to use IPsec if performing regular restores (including Veeam BCJ) or tape offloads.
- HPE StoreOnce Secure Erase protects against unauthorized recovery of deleted data by allowing customers to securely and permanently shred selected backup data.
  - Secure Erase can be carried out on all data backed up to a VTL, file share or HPE StoreOnce Catalyst Store.
  - The HPE StoreOnce Secure Erase feature meets industry standards of NIST SP 800-88.
  - Secure Erase can erase with 1-pass or multiple randoms overwrites of 3, 5 or 7 passes.

Warranty

Hewlett Packard Enterprise provides a three-year parts exchange, labor, and on-site support, normal business hours, next business day response for HPE StoreOnce 3720, 3760, 5720, 7700, 3660, 5260 and 5660 systems.

Parts and Materials

HPE will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements. Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Discover, Plan and Design

Choose from a rich portfolio of services to make the most of HPE StoreOnce systems, so you can efficiently and affordably protect your organisation's applications and data. Begin by exploring your data protection options. Next, develop a methodical plan and design the optimal HPE StoreOnce solution that addresses your unique protection requirements. HPE Backup Recovery Impact Analysis service is focussed on service requirements and design as the key to success for gaining a clear understanding of the role of increasingly diverse data protection strategies.

For more information on HPE Data Services visit http://www.HPE.com/services/storage or contact your HPE sales representative or HPE Authorized Channel Partner.

Deploy and Integrate

Implement HPE StoreOnce systems correctly-right from the start-so you can count on reduced risk and accelerated deployment, while implementing a best-practice configuration from day one. Then move on to proactively leverage products, tools, and technology to avoid problems and optimize performance. In this way, you get the most out of your HPE StoreOnce investment, as you keep your staff certified through project-based or residency services.

HPE StoreOnce System Health Check Service

Proactive review of your HPE StoreOnce solution including a review of operational, capacity, and performance data so you can rest assured that everything is operating effectively. For more information see: https://h20195.www2.HPE.com/v2/GetPDF.aspx/4AA4-3821ENW.pdf

HPE StoreOnce Firmware Analysis and Implementation Service

HPE Firmware Analysis and Update Implementation Services are technical services that provides the analysis and implementation of firmware updates, considering the relevant revision dependencies within the IT environment.

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For more information see: http://h20195.www2.HPE.com/v2/GetPDF.aspx/4AA4-7728ENW.pdf

Service and Support

HPE Storage Data Migration Services

This is an end-to-end data migration service providing seamless discovery, assessment, planning, and design, completely customizable to your organization's storage area network or network attached storage environment and using innovative software to help you migrate to HPE storage quickly and efficiently.

HPE Services

No matter where you are in your digital transformation journey, HPE Services provide expertise across planning, deployment, and operations to deliver the expertise you need when, where and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.
For more information visit: https://www.HPE.com/services

HPE Advisory and Professional Services

No matter where you are in your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations. For more information visit: https://www.HPE.com/services/consulting

HPE Managed Services

HPE can run your IT operations, providing services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation. For more information visit: https://www.HPE.com/us/en/services/remote-infrastructure-monitoring.html

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HPE Operational Support Services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes. HPE Operational Support Services are available for 3, 4, 5, 6 and 7 years for the Gen5 models (3720, 3760, 5720, 7700) and 3, 4 and 5 years for the Gen4 Plus models (3360, 5260, 5660).

For more information visit: https://www.HPE.com/services/operational

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

- A complete coverage approach - edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced incident management experience with priority access
- Digitally enabled and AI driven customer experience

For more information visit: https://www.HPE.com/services/completecare

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HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward.

HPE Tech Care Service is available in three response levels.

- Basic - 9x5 business hour availability and a 2-hour response time
- Essential - 15-minute response time 24x7 availability for most enterprise level customers
- Critical - extends Essential support with a 6-hour repair commitment, where available, and outage management response for severity 1 incidents.

The Tech Care response levels available for each StoreOnce model are shown in the table below. For more information visit: https://www.HPE.com/services/techcare

Tech Care response	3720	3760	5720	7700	3660	5260	5660
Tech Care Basic	✓				✓	✓	✓
Tech Care Essential	✓	✓	✓	✓	✓	✓	✓
Tech Care Critical	✓	✓	✓	✓	✓	✓	✓

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to disk or eligible SSD/flash drives replaced by HPE due to malfunction. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, considering the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, considering the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

For more information visit: https://www.HPE.com/services/lifecycle. For a list of the most frequently purchased services using service credits, see the HPE Service Credits Menu

Related Services from HPE Services

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options. For more information visit: https://www.HPE.com/services/training

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How to Purchase Services

Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:
Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
Customers purchasing from a commercial reseller can find services at https://ssc.HPE.com/portal/site/ssc/

AI Powered and Digitally Enabled Support Experience

Provides faster resolution through product-specific resources and digital support, with access to product-specific resources and expertise through a digital and data driven customer experience. Sign in to the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent. Sign in here: https://support.HPE.com/hpesc/public/home/signin

Consume IT On Your Terms

GreenLake brings the cloud experience directly to your apps and data wherever they are - the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your HPE sales representative or HPE Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE" https://www.HPE.com/us/en/contact-HPE.html

For more information visit: http://www.HPE.com/services

Configuration Information

Purchasing information

HPE StoreOnce 3720 System

Description **SKU**

HPE StoreOnce 3720 24TB Base System S4P72A

Includes:

- 12 x 4 TB HDDs for backup data
- 2 x 960 GB SSDs for StoreOnceOS
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy install rail kit
- Accessory kit with
  - Read This First card
  - QR code label
  - 2 x power cords

Description	LTU for a new base system[2]	E-LTU to add to an existing base system[3]
HPE StoreOnce 3720 24 TB Capacity Enablement	S4P19A	S4P05AAE

Notes: Enables an additional 18 TB usable capacity to increase capacity from 18 TB to 36 TB or from 54 TB to 72 TB

Description **SKU**

HPE StoreOnce 3720 24TB Capacity Upgrade Kit S4P74A

Includes:

- 12 x 4 TB HDDs
- License entitlement (S4P20A[4]) to enable 18 TB usable capacity of the Upgrade Kit
- Read This First card
- QR code label

Notes:

- [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. The StoreOnce system can be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) are installed. Up to 3 network adapters, in any combination, can be used.
- [2]When the initial purchase is a 36 TB configuration, one license is added in the factory. When the initial purchase is a 72 TB configuration, two licenses are added in the factory.
- [3]This is a field upgrade license. It is used to upgrade an 18 TB configuration to 36 TB or a 54 TB configuration to 72 TB. One E-LTU is required to upgrade a 36 TB configuration to 72 TB in conjunction with a HPE StoreOnce 3720 24 TB Capacity Upgrade Kit (S4P74A). Two E-LTUs are required to upgrade an 18 TB configuration to 72 TB in conjunction with a HPE StoreOnce 3720 24 TB Capacity Upgrade Kit (S4P74A).
- [4]S4P20A HPE StoreOnce 3720 24 TB Capacity LTU

Configuration Information

Scalability

The StoreOnce 3720 is configured with 18 TB, 36 TB, 54 TB or 72 TB usable capacity. Any initial configuration less than 72 TB can be easily increased in capacity. Increasing 18 TB to 36 TB and 54 TB to 72 is non-disruptively increased with a license. A capacity upgrade kit, which adds additional HDDs into the chassis, is required to increase usable capacity from 36 TB to 54 TB. Cloud Bank Storage can add up to 144 TB to increase the maximum system usable capacity to 216 TB.

	Base system	Base system + 1 capacity upgrade	Base system + 2 capacity upgrades	Base system + 3 capacity upgrades
Raw capacity	48 TB	48 TB	96 TB	96 TB
Usable capacity	18 TB	36 TB	54 TB	72 TB
SKUs required	S4P72A	S4P72A S4P19A[1]/S4P05AAE[2]	S4P72A S4P74A[3] S4P19A[1]/S4P05AAE[2]	S4P72A S4P74A[3] 2 x S4P19A[1]/S4P05AAE[2]
Cloud Bank usable capacity	1 - 144 TB	1 - 144 TB	1 - 144 TB	1 - 144 TB
Max system usable capacity	162 TB	180 TB	198 TB	216 TB

Notes:

–[1]Factory integrated as part of initial configuration

–[2]User added when the capacity of existing system is increased

–[3]Includes S4P20A HPE StoreOnce 3720 24 TB Capacity LTU which is factory integrated as part of an initial 54 TB or 72 TB configuration or user installed when the capacity of existing system is increased

Configuration Information

HPE StoreOnce 3760 System

Description **SKU**

HPE StoreOnce 3760 144TB Base System S4P73A

Includes:

- 12 x 12 TB disks
- 2 x 960 GB SSDs for StoreOnceOS
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy install rail kit
- Accessory kit with:
  - Read This First card
  - QR code label
  - 2 x power cords

Description **SKU**

HPE StoreOnce 3760 144TB Capacity Upgrade Kit S4P75A

Includes:

- 12 x 12 TB disks
- License entitlement (S4P21A[2]) to enable 108 TB usable capacity
- Read This First card
- QR code label

Notes:

- [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. The StoreOnce 3720 can be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) installed. Up to 4 network adapters, in any combination, can be used.
- [2]S4P21A HPE StoreOnce 3760 144 TB Capacity LTU.

Scalability

The base system (S4P73A) has 108 TB usable capacity. To increase capacity, a capacity expansion kit (S4P75A) is added to the base system to increase usable capacity to 216 TB. Cloud Bank Storage can add 432 TB to extend the maximum usable capacity to 648 TB.

	Base System	Base system + 1 capacity upgrade
Raw capacity	144 TB	288 TB
Usable capacity	108 TB	216 TB
SKUs required	S4P73A[1]	S4P73A[1] S4P75A[1]
Cloud Bank usable capacity	1 - 432 TB	1 - 432 TB
Max total usable capacity	540 TB	648 TB

Notes: [1]Includes S4P21A HPE StoreOnce 3720 144 TB Capacity LTU which is factory integrated as part of an initial 108 TB configuration or user installed when the capacity of existing system is increased

Configuration Information

HPE StoreOnce 5720 System

Description **SKU**

HPE StoreOnce 5720 180TB Base System S4X41A

Includes:

- 15 x 12 TB HDDs for backup data
- 8 x 3.84 TB SSDs for metadata acceleration
- 2 x 1.92 TB SSDs for StoreOnceOS
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy install rail kit
- Accessory kit with:
  - Read This First card
  - QR code label
  - 4 x power cords

Description **SKU**

HPE StoreOnce 5720 180TB Capacity Upgrade Kit S4X43A

Includes:

- 15 x 12 TB HDDs
- License entitlement (S5D72A[2]) to enable 144 TB usable capacity
- Read This First card
- QR code label

Notes:

- [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. StoreOnce 5720 can be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) installed. Up to 3 Ethernet network adapters with a maximum of 8 ports can be added. Up to 2 Fibre Channel adapters with a maximum of 4 ports can be added. Ethernet adapters and Fibre Channel adapters can be used in combination.
- [2]S5D72A HPE StoreOnce 5720 180 TB Capacity LTU

Scalability

StoreOnce 5720 is configured with 144 TB, 288 TB, 432 TB or 576 TB usable capacity. Any initial configuration less than 576 TB can be easily increased in capacity by adding one or more capacity upgrade kits, which add additional HDDs into the chassis drawers with the added capacity enabled by a license. Cloud Bank Storage can add up to 1,132 TB to increase the maximum system usable capacity to 1,728 TB.

	Base system	Base system + 1 capacity upgrade	Base system + 2 capacity upgrades	Base system + 3 capacity upgrades
Raw capacity	180 TB	360 TB	540 TB	720 TB
Usable capacity	144 TB	288 TB	432 TB	576 TB
SKUs required	S4X41A[1]	S4X41A[1] S4X43A[1]	S4X41A[1] 2 x S4X43A[1]	S4X41A[1] 3 x S4X43A[1]
Cloud Bank usable capacity	1 - 1,152 TB	1 - 1,152 TB	1 - 1,152 TB	1 - 1,152 TB
Max system usable capacity	1,296 TB	1,440 TB	1,584 TB	1,728 TB

Configuration Information

Notes: [1]Includes S5D72A HPE StoreOnce 5720 180 TB Capacity LTU which is factory installed if the initial configuration includes capacity upgrade kit(s) or user installed if the capacity upgrade kit is purchased to increase the capacity of an existing system

Configuration Information

HPE StoreOnce 7700 System

Description **SKU**

HPE StoreOnce 7700 123TB Base System S6U05A

Includes:

- 8 x 15.36 TB SSDs for backup data
- 2 x 1.92 TB SSDs for StoreOnce software
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy install rail kit
- Accessory kit with:
  - Read This First card
  - QR code label
  - 2 x power cords

Description **SKU**

HPE StoreOnce 7700 123TB Capacity Upgrade Kit S6X17A

Includes:

- 8 x 15.36 TB SSDs
- License entitlement (S6X16A[2]) to enable 92 TB usable capacity
  - Read This First card
  - QR code label

Notes:

- [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. StoreOnce 7700 can be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) installed. Up to 3 Ethernet network adapters with a maximum of 8 ports can be added. Up to 2 Fibre Channel adapters with a maximum of 4 ports can be added. Ethernet and Fibre Channel adapters can be used in combination.
- [2]S6X16A HPE StoreOnce 7700 123 TB Capacity LTU

Scalability

StoreOnce 7700 is configured with 92 TB, 184 TB, 276 TB, 368 TB, 460 TB or 552 TB. Any configuration less than 552 TB can be expanded in 92 TB increments, up to 552 TB, with disk capacity expansion packs which add additional SSDs into the chassis. Cloud Bank Storage can add up to 2,208 TB to increase the maximum system usable capacity to 2,760 TB.

	Base system	Base system + 1 cap upg	Base system + 2 cap upg	Base system + 3 cap upg	Base system + 4 cap upg	Base system + 5 cap upg
Raw capacity	123 TB	246 TB	367 TB	493 TB	614 TB	737 TB
Usable capacity	92 TB	184 TB	276 TB	368 TB	460 TB	552 TB
SKUs required	S6U05A[1]	S6U05A[1] S6X17A[1]	S6U05A[1] 2 x S6X17A[1]	S6U05A[1] 3 x S6X17A[1]	S6U05A[1] 4 x S6X17A[1]	S6U05A[1] 5 x S6X17A[1]
Cloud Bank usable capacity	1 – 2,208 TB	1 – 2,208 TB	1 – 2,208 TB	1 – 2,208 TB	1 – 2,208 TB	1 – 2,208 TB
Max system usable capacity	2.300 TB	2,392 TB	2,484 TB	2,576 TB	2,668 TB	2,760 TB

Notes: [1]Includes S6X16A HPE StoreOnce 7700 123 TB Capacity LTU which is factory installed if the initial configuration includes capacity upgrade kit(s) or user installed if the capacity upgrade kit is purchased to increase the capacity of an existing system

Configuration Information

HPE StoreOnce 3660 System

Description **SKU**

HPE StoreOnce 3660 80TB Base System R6U02A

Includes:

- HPE StoreOnce 3660 System (2U)
- 10 x 8 TB HDDs for backup data
- 2 x 4 TB HDDs for StoreOnceOS
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy install rail kit
- EAC card
- Accessory kit with:
  - Start Here poster
  - 2 x Ethernet cables (Cat 5e) 3 m
  - 2 x power cords

Description **SKU**

HPE StoreOnce 3660 96TB Upgrade Kit R7M22A

Includes:

- Primera 600 LFF storage enclosure (2U) with 12 x 8 TB disks, redundant power supplies and fan modules, 1 x integrated 12 GB SAS IO Module
- Rail Kit
- SAS cabling included
- Accessory kit with:
  - 2 x Power cords
  - License entitlement certificate
  - Start Here guide

Notes: [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. StoreOnce 3660 be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) installed. Up to 4 Ethernet and/or Fibre Channal network adapters can be added in any combination.

Scalability

Start with the 80 TB base system. When you're ready, purchase up to 2 additional capacity upgrade kits to increase local capacity to a total of 200 TB usable. Cloud Bank Storage can extend the maximum Catalyst capacity to 600 TB.

	Base System	Base system + 1 capacity upgrade	Base system + 2 capacity upgrades
Raw capacity	80 TB	176 TB	272 TB
Usable capacity	56 TB	128 TB	200 TB
SKUs required	R6U02A	R6U02A R7M22A	R6U02A 2 x R7M22A
Max Cloud Bank usable capacity	400 TB	400 TB	400 TB
Max system usable capacity	456 TB	528 TB	600 TB

Configuration Information

HPE StoreOnce 5260 System

Description **SKU**

HPE StoreOnce 5260 Base System R6U03A

Includes:

- HPE StoreOnce 5260 System (2U)
- 2 x 1.92 TB SSDs for StoreOnceOS
- 8 x 3.2 TB SSD disks for metadata acceleration
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy install rail kit
- EAC Card
- Accessory kit with:
  - Start Here poster
  - 2 x Ethernet cables (Cat5e) 3 m
  - 2 x Power cords (with C14 inlet power connector rack PDU)

Description **SKU**

HPE StoreOnce 5260/5660 192TB Upgrade Kit R7M23A

Includes:

- Primera 600 LFF storage enclosure (2U) with 12 x 16 TB HDDs, redundant power supplies and one dual integrated SAS I/O module and fan modules.
- Rail Kit
- SAS cabling included
- Accessory Kit featuring:
  - 2 x Power cords
  - License entitlement certificate
  - Start Here guide

Notes: [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. StoreOnce 5260 can be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) installed. Up to 4 Ethernet and/or Fibre Channal network adapters can be added in any combination.

Scalability

Start with the HPE StoreOnce 5260 base system and one capacity upgrade kit with 144 TB usable capacity. When you're ready, purchase up to 3 additional capacity upgrade kits to increase local capacity to of 576 TB usable. Cloud Bank Storage can extend the maximum Catalyst capacity to 1.7 PB.

	Base system + 1 cap upg	Base system + 2 cap upg	Base system + 3 cap upg	Base system + 4 cap upg
Raw capacity	192 TB	384 TB	576 TB	768 TB
Usable capacity	144 TB	288 TB	432 TB	576 TB
SKUs required	R6U03A R7M23A	R6U03A 2 x R7M23A	R6U03A 3 x R7M23A	R6U03A 4 x R7M23A
Max Cloud Bank usable capacity	1,152 TB	1,152 TB	1,152 TB	1,152 TB
Max system usable capacity	1,296 TB	1,440 TB	1,584 TB	1,728 TB

Configuration Information

HPE StoreOnce 5660 System

Description **SKU**

HPE StoreOnce 5660 Base System R6U04A

Includes:

- HPE StoreOnce 5660 System
- 2 x 1.9 TB SSDs for StoreOnceOS
- 8 x 6.4 TB SSDs for metadata acceleration
- 2 port OCP3 10 GB Base-T adapter[1]
- Easy Install Rail Kit
- EAC Card
- Accessory kit with:
  - Start Here poster
  - 2 x Ethernet cables (Cat 5e) 3 m
  - 2 x Power cords (with C14 inlet power connector for Rack PDU)

Description **SKU**

HPE StoreOnce 5260/5660 192TB Upgrade Kit R7M23A

Includes:

- Primera 600 LFF storage enclosure (2U) with 12 x 16 TB HDDs, 192 TB (RAW), redundant power supplies and one dual integrated SAS I/O module and fan modules.
- Rail Kit
- SAS cabling included
- Accessory kit with:
  - 2 x power cords
  - License entitlement certificate
  - Start Here guide

Notes: [1]Typically used for management access. Supported on 1 Gb and 10 Gb Base-T Ethernet networks. Not supported on networks using slower Ethernet technology. StoreOnce 5660 can be connected using 10/25 GbE and/or 16/32 Gb Fibre Channel when the appropriate optional adapter(s) installed. Up to 4 Ethernet and/or Fibre Channal network adapters can be added in any combination.

Scalability

Start with the HPE StoreOnce 5660 base system and one capacity upgrade kit with 144 TB usable capacity. When you're ready, purchase up to 7 additional capacity upgrade kits to increase local capacity to 1.1 PB usable. Cloud Bank Storage can extend the maximum Catalyst capacity to 3.4 PB.

	Base system + 1 cap upg	Base system + 2 cap upg	Base system + 3 cap upg	Base system + 4 cap upg
Raw capacity	192 TB	384 TB	576 TB	768 TB
Usable capacity	144 TB	288 TB	432 TB	576 TB
SKUs required	R6U04A R7M23A	R6U04A 2 x R7M23A	R6U04A 3 x R7M23A	R6U04A 4 x R7M23A
Max Cloud Bank usable capacity	2,304 TB	2,304 TB	2,304 TB	2,304 TB
Max system usable capacity	2,448 TB	2,592 TB	2,736 TB	2,880 TB

Configuration Information

	Base system + 5 cap upg	Base system + 6 cap upg	Base system + 7 cap upg	Base system + 8 cap upg
Raw capacity	960 TB	1,156 TB	1,348 TB	1,540 TB
Usable capacity	720 TB	864 TB	1,008 TB	1,152 TB
SKUs required	R6U04A 5 x R7M23A	R6U04A 6 x R7M23A	R6U04A 7 x R7M23A	R6U04A 8 x R7M23A
Max Cloud Bank usable capacity	2,304 TB	2,304 TB	2,304 TB	2,304 TB
Max system usable capacity	3,024 TB	3,168 TB	3,312 TB	3,456 TB

HPE StoreOnce Catalyst Cloud Bank Storage Ordering Information

Cloud Bank Storage is licensed based on usable capacity.

Licenses

Description	LTU	E-LTU
HPE StoreOnce Cloud Bank Storage Read/Write for Gen5 Systems 1 TB	S4P26A	S4P10AAE
HPE StoreOnce Cloud Bank Storage Read/Write for Gen5 Systems 10 TB	S4P29A	S4P34AAE
HPE StoreOnce Cloud Bank Storage Read/Write for Gen5 Systems 100 TB	S4P30A	S4Q46AAE
HPE StoreOnce Cloud Bank Storage Detach for Gen5 Systems 1 TB	S4P27A	S4P11AAE
HPE StoreOnce Cloud Bank Storage Detach for Gen5 Systems 10 TB	S4Q49A	S4Q47AAE
HPE StoreOnce Cloud Bank Storage Detach for Gen5 Systems 100 TB	S4Q50A	S4Q48AAE
HPE StoreOnce Cloud Bank Storage Read/Write for Gen4 Systems 1 TB	BC012A	BC012AAE
HPE StoreOnce Cloud Bank Storage Detach for Gen4 Systems 1 TB	BC013A	BC013AAE

Notes:

– For HPE StoreOnce 3720, HPE StoreOnce 3760, HPE StoreOnce 5720, HPE StoreOnce 7700: Cloud Bank Storage Gen5 licenses are added using any combination of 1 TB, 10 TB and 100 TB licenses up to the maximum for that system shown in the table below.

– For HPE StoreOnce 3660, HPE StoreOnce 5260, HPE StoreOnce 5660: Cloud Bank Storage Gen4 licenses are added using 1 TB licenses in any multiple of 1 TB, up to the maximum for that system shown in the table below.

Model	Max Cloud Bank licenses	Cloud Bank usable capacity
HPE StoreOnce 3720	144	1 TB to 144 TB
HPE StoreOnce 3760	432	1 TB to 432 TB
HPE StoreOnce 5720	1,152	1 TB to 1,152 TB
HPE StoreOnce 7700	2,288	1 TB to 2,208 TB
HPE StoreOnce 3660	400	1 TB to 400 TB
HPE StoreOnce 5260	1,152	1 TB to 1,152 TB
HPE StoreOnce 5660	2,304	1 TB to 2,304 TB

Notes: Cloud Bank Storage is supported for use as a Catalyst Copy target. The performance of the underlying object storage means it is not supported to use Cloud Bank Storage as a backup target.

HPE StoreOnce Encryption Ordering Information

Backup data encryption is enabled by a nominally priced license. The license is required to meet regulations on the distribution of advanced encryption technology. One license is required for each HPE StoreOnce system that will use backup data encryption.

Licenses

Description	LTU	E-LTU
HPE StoreOnce Encryption for Gen5 systems (3720, 3760, 5720, 7700)	S4P28A	S4P14AAE
HPE StoreOnce Encryption for Gen4 systems (3660. 5260, 5660)	BB994A	BB994AAE

Flexible Networking Options

HPE StoreOnce systems are connected to the backup environment using Ethernet or Fibre Channel networking. Depending on the connectivity required network adapters, transceivers and cables need to be added to the HPE StoreOnce system using the parts below.

Network adapter kits

Network adapter kits are used to provide data connectivity to StoreOnce systems. There are different adapters for the Gen5 models (HPE StoreOnce 3720, HPE StoreOnce 3760, HPE StoreOnce 5720, HPE StoreOnce 7700) and the Gen4 Plus models (HPE StoreOnce 3660, HPE StoreOnce 5260, HPE StoreOnce 5660). Depending on the model, up to three or four Ethernet and/or Fibre Channel network adapters can be added. These adapters are enabled by a license that is supplied as part of the network adapter kit. Factory installed network adapters have the enabling license(s) pre-installed.

Network adapter kits for HPE StoreOnce 3720, HPE StoreOnce 3760, HPE StoreOnce 5720, HPE StoreOnce 7700

Description	SKU	3720[1]	3760[1]	5720[1]	7700[1]
HPE StoreOnce Gen5 10GBASE-T 2-port Adapter	S4P76A	✓	✓	✓	✓
HPE StoreOnce Gen5 10GBASE-T OCP3 2-port Adapter	S4X45A			✓	
HPE StoreOnce Gen5 10/25 GB 2-port SFP Adapter[2]	S4P77A	✓	✓	✓	✓
HPE StoreOnce Gen5 10/25 GB 2-port SFP28 OCP3 Adapter[2]	S4X47A			✓	
HPE StoreOnce Gen5 10/25 GB 4-port SFP28 OCP3 Adapter[2]	S4X46A			✓	
HPE StoreOnce Gen5 16 GB Fibre Channel Network Adapter[3]	S4P78A	✓	✓		
HPE StoreOnce Gen5 32 GB Fibre Channel Network Adapter[4]	S4P79A	✓	✓	✓	✓

Network adapter kits for HPE StoreOnce 3660, HPE StoreOnce 5260, HPE StoreOnce 5660

Description	SKU	3660[1]	5260[1]	5660[1]
HPE StoreOnce Gen4 Plus 10GBASE-T 2-port Adapter	R7M25A	✓	✓	✓
HPE StoreOnce Gen4 Plus 10/25 GB 2-port SFP Adapter[2]	R7M24A	✓	✓	✓
HPE StoreOnce Gen4 16 GB Fibre Channel Network Adapter[3]	BB986A	✓	✓	✓
HPE StoreOnce Gen4 32 GB Fibre Channel Network Adapter[4]	BB990A	✓	✓	✓

Configuration Information

Notes

–[1]A '✓' shows the adapter can be installed in this StoreOnce model, the user guide should be referred to check the correct location to install the adapter

–[2]Includes 10 GB transceivers. For 25 GB connectivity, use HPE 25 GB transceivers (SKU 845398-B21)

–[3]Includes 16 GB transceivers

–[4]Includes 32 GB transceivers

Transceivers

Description	SKU
HPE 25Gb SFP28 SR 100m Transceiver	845398-B21

Cables

Cables are not included with the HPE StoreOnce systems or network adapter kits and must be purchased separately. The following cables are recommended for use with the HPE StoreOnce systems.

HPE OM3 fiber optic cables

Description	SKU
HPE LC to LC Multi-mode OM3 2-Fiber 0.5m 1-Pack Fiber Optic Cable	AJ833A
HPE LC to LC Multi-mode OM3 2-Fiber 1.0m 1-Pack Fiber Optic Cable	AJ834A
HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable	AJ836A
HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable	AJ837A
HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable	AJ838A
HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable	AJ839A

HPE PremierFlex OM4 fiber optic cables

Description	SKU
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 1m Cable	QK732A

HPE 25 GbE Ethernet cables for SFP connectivity

Description	SKU
HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21

HPE 10 GbE Ethernet cables for connectivity for twisted pair environments

Description	SKU
HPE Synergy Frame Link Module CAT6A 1.2m Cable	861412-B21
HPE Synergy Frame Link Module CAT6A 3m Cable	861413-B21

HPE Ethernet Cat 6A cables for direct attach copper environments

Description	SKU
HPE Networking X240 10G SFP+ SFP+ 0.65m DAC Cable	JD095C
HPE Networking X240 10G SFP+ SFP+ 1.2m DAC Cable	JD096C
HPE Networking X240 10G SFP+ SFP+ 3m DAC Cable	JD097C

Configuration Information

The cables available for each HPE StoreOnce Gen5 network adapter are shown in the table below.

Adapter	SKU	Cables												
Adapter	SKU	AJ833A LC to LC Multi-mode OM3 2-Fiber 0.5 m	AJ834A LC to LC Multi-mode OM3 2-Fiber 1.0 m	AJ836A LC to LC Multi-mode OM3 2-Fiber 5.0 m	AJ837A LC to LC Multi-mode OM3 2-Fiber 15.0 m	AJ838A LC to LC Multi-mode OM3 2-Fiber 30.0 m	AJ839A LC to LC Multi-mode OM3 2-Fiber 50.0 m	QK732AA LC to LC Multi-mode OM4 2-Fiber 1.0 m	844477-B21 25 GB SFP28 to SFP28 3.0 m	844480-B21 25 GB SFP28 to SFP28 5.0 m	JD095C 10G SFP+ SFP+ 0.65 m DAC	JD096C 10G SFP+ SFP+ 1.2 m DAC	JD097C 10G SFP+ SFP+ 3.0 m DAC	861412-B21 CAT6A 1.2 m	861413-B21 CAT6A 3.0 m
10GBASE-T 2 port	S4P76A													✓	✓
10GBASE-T 2 OCP3 port	S4X45A													✓	✓
10/25 GB 2 port	S4P77A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[1]	✓[1]	✓[1]		
10/25 GB OCP3 2 port	S4X47A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[1]	✓[1]	✓[1]		
10/25 GB OCP3 4 port	S4X46A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓[1]	✓[1]	✓[1]		
16 GB FC 2 port	S4P78A	✓	✓	✓	✓	✓	✓	✓							
32 GB FC 2 port	S4P79A	✓	✓	✓	✓	✓	✓	✓							

Notes: [1]Limited to 10 GB.

Fixed and Flexible Installation and Startup Services And Option Bands

HPE StoreOnce 3720, 3760, 5720, 7700, 3660, 5260 and 5660 system installation and startup services.

Fixed Services	**SKU**
HPE Storeonce 36xx Capacity Upgrade Startup Service	H7RC8E

Flexible Services	**SKU**
HPE HPE StoreOnce Gen5[1] base start up service	HA124A1#V2U
HPE HPE StoreOnce Gen5[1] capacity upgrade service	HA124A1#V3A
HPE StoreOnce 3660 startup service	HA124A1#5VF
HPE StoreOnce 3660 capacity upgrade startup service	HA124A1#5VG

Configuration Information

Flexible Services	SKU
HPE StoreOnce 5260 startup service	HA124A1#5VL
HPE StoreOnce 5260 capacity upgrade startup service	HA124A1#5VN
HPE StoreOnce 5260/5660 startup service	HA124A1#5WQ

Flexible Services	SKU
HPE StoreOnce 5260/5660 capacity upgrade startup service	HA124A1#5X2
HPE StoreOnce additional 1 day startup service	HA124A1#5V0

Notes: [1]Can be used for HPE StoreOnce 3720, HPE StoreOnce 3760, HPE StoreOnce 5720 or HPE StoreOnce 7700.

For more information see: https://h20195.www2.HPE.com/v2/GetPDF.aspx/4AA2-557ENW.pdf

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Advanced Startup Services

HPE StoreOnce Catalyst and Replication Solution Service

These services provide a best practice configuration and verification service in the customer environment to optimize the benefits of deploying Replication and\or Catalyst functionality. The services are available in 3 levels. Within the scope of the service, HPE StoreOnce VSA, as well as the HPE StoreOnce systems in this QuickSpecs, configuration can be part of the solution service.

Description	SKU
HPE StoreOnce Catalyst solution service lvl1	HA124A1#5TY
HPE StoreOnce Catalyst solution service lvl2	HA115A1#5TZ
HPE StoreOnce Catalyst solution service lvl3	HA115A1#5UO

Notes: One service is required for each site when the appropriate licenses are ordered.

For more information see: http://h20195.www2.HPE.com/V2/GetPDF.aspx/4AA4-3945ENW.pdf

HPE StoreOnce Catalyst Startup Service

Combined with the HPE StoreOnce 3720, 3760, 5720, 7700, 3660, 5260 and 5660 Installation and Startup Service, the HPE StoreOnce Catalyst Startup Service provides implementation and verification of the backup and remote copy features of HPE StoreOnce Catalyst. Within the scope of the service, HPE StoreOnce VSA configuration can also be part of the startup service.

Description	SKU
HPE StoreOnce single node Catalyst startup SVC	HA124A1#5T7

Notes: One service is required for each site when the appropriate licenses are ordered.

For more information see: http://h20195.www2.HPE.com/v2/GetPDF.aspx/4aa4-9988ENW.pdf

HPE StoreOnce Integration Service

The HPE StoreOnce Integration Services are intended to provide proven HPE best practice integration between the customer's backup application and HPE StoreOnce. This service helps customers utilize the advanced features of their backup software with HPE StoreOnce for an optimized end-to-end solution.

Configuration Information

Description	SKU
HPE StoreOnce Integration Level 1 SVC	H8E02A1
HPE StoreOnce Integration Level 2 SVC	H8E03A1

For more information see the HPE Data Services – Storage Integration datasheet

HPE StoreOnce System Health Check Service

This service provides a proactive review of your HPE StoreOnce system solution or other HPE deduplication systems, including a review of operational, capacity, and performance data so you can rest assured that everything is operating effectively.

Description	Support Service SKU	Per Event	Contractual
HPE StoreOnce System Health Check service	HM006A1	HM006AE	HM006AC

For more information see: https://h20195.www2.HPE.com/v2/GetPDF.aspx/4AA4-3821ENW.pdf

HPE StoreOnce Firmware Analysis and Implementation Service

The HPE Firmware Analysis and Update Implementation Services are technical services that provides the analysis and implementation of firmware updates, considering the relevant revision dependencies within the IT environment.

Description	Support Service SKU	Per Event	Contractual
HPE HPSD Firmware Update Analysis SVC	HM001A1	HM001AE	HM001AC
HPE HPSD Firmware Update Implement SVC	HM002A1	HM002AE	HM002AC

For more information see http://h20195.www2.HPE.com/v2/GetPDF.aspx/4AA4-7728ENW.pdf

Model information

Model Number	3720	3760	5720	7700	3360	5620	5660
Form factor	2U	2U	4U	2U	2U - 6U	4U - 10U	4U - 18U
Local usable cap (TB)[1]	18 - 72	108 - 216	144 - 576	92 - 552	56 - 200	144 - 576	144 - 1,152
Effective local max usable cap (TB)[2]	4,320	12,960	34,560	33,120	12,000	34,560	69,120
Cloud Bank max usable cap (TB)[3]	144	432	1,152	2,208	400	1,152	2,304
Effective Cloud Bank max usable cap (TB)[2]	8,640	25,920	69,120	132,480	24,000	69,120	138,240
System max usable cap (TB)[4]	216	648	1,728	1,656	600	1,728	3,456
Effective system max usable cap (TB)[2]	12,960	38,880	103,680	165,600	36,000	103,680	207,360
Max Catalyst backup performance (TB/hr)[5]	15	25	70	300	25	60	105
Target Types[6]	HPE StoreOnce Catalyst, Virtual Tape Library[7] (VTL), NFS, SMB						
Max fan-in[8]	24	36	32	50	24	32	50
Max targets (sum of all types)	24	36	64	128	36	64	128
Maximum concurrent streams	128	256	512	1024	256	512	1024
Max VTL cartridges / system	49,201	294,985	1,048,576	2,097,152	147,456	1,048,576	3,145,728
Max VTL cartridges per library	1,024	4,096	16,384	16,384	4,096	16,384	16,384
Max VTL drives per system	128	256	512	1,024	256	512	1,024

Notes:

- [1]This is the available capacity for backup data after RAID and other protection.
- [2]This is the effective capacity for backup data based on 60:1 space savings from HPE StoreOnce data deduplication and compression. The actual space saving is dependent on multiple factors including the protected data type, change rate, backup schedule and restore point retention. To accurately size the capacity required, your HPE representative or partner should use the HPE StoreOnce Sizer.
- [3]The Cloud Bank capacity uses connected object storage to extend the usable capacity of the system.
- [4]This is sum of the maximum local storage capacity and the maximum Cloud Bank storage capacity.
- [5]This shows the maximum performance for backup using the HPE StoreOnce Catalyst protocol. The actual performance is dependent on multiple factors including the protected data type, change rate, backup schedule and restore point retention. Backup to a VTL or a StoreOnce file share will have lower performance.
- [6]When using backup software that supports HPE StoreOnce Catalyst the Catalyst protocol should be used.
- [7]For D2DBS Generic Libraries, tape drive types emulated are Ultrium-VT, LTO-2 to LTO-7. For EML and ESL E Series Libraries, tape drive types emulated are LTO-2 to LTO-7. For IBM-TS3500 Libraries, tape drive types emulated are IBM, LTO-3 and LTO-5. For HPE MSL G3 Series Libraries, tape drive types emulated are LTO-2 to LTO-7.
- [8]These max fan-in values apply to VTL and file share replication. They do not apply to HPE StoreOnce Catalyst Copy.

Technical Specifications

Power Requirements

The figures below show indicative data center power requirements for base and maximum configurations. In all cases, worst case power usage when server fans operate at max speed.

For StoreOnce 3720, StoreOnce 3760, StoreOnce 5720 and StoreOnce 7700 the power supplies require an input voltage of 200 Volts to 240 Volts AC.

For StorOnce 3660, StoreOnce 5260 and StoreOnce 5660 the power supplies require an input voltage of 100 Volts to 240 Volts AC.

All figures in the tables below are for supply at 208 Volts.

HPE StoreOnce 3720						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (18 TB usable)	1.2	244	3.9	805	4.6	945
Max (72 TB usable)	1.7	356	4.6	946	5.3	1,095

HPE StoreOnce 3760						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (108 TB usable)	1.2	243	4.4	914	5.2	1,082
Max (216 TB usable)	1.6	323	4.9	1,015	5.7	1,190

HPE StoreOnce 5720						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (144 TB usable)	2.9	592	8.7	1,799	10.1	2,102
Max (576 TB usable)	4.3	887	10.5	2,178	12.0	2,505

HPE StoreOnce 7700						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (92 TB usable)	1.6	332	6.4	1,330	7.6	1,582
Max (552 TB usable)	2.9	591	9.4	1,961	11.1	2,308

HPE StoreOnce 3660						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (56 TB usable)	1.3	270	3.4	696	3.9	804
Max (200 TB usable)	5.2	828	7.3	1,506	7.8	1,915

HPE StoreOnce 5260						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (144 TB usable)	3.3	500	5.7	1,171	6.3	1,452
Max (576 TB usable)	9.1	1,178	11.5	2.375	12.1	3,119

Technical Specifications

HPE StoreOnce 5660						
	Idle		80%		Maximum	
Configuration	A	W	A	W	A	W
Base (144 TB usable)	3.4	526	6.4	1,355	7.2	1,654
Max (1,152 TB usable)	17.0	2,109	20.0	4,144	20.8	5,543

Acoustic Noise Specifications

Listed are the declared A-Weighted sound power levels (LWAd) and declared average bystander position AWeighted sound pressure levels (LpAm) when the product is operating in a 23°C ambient environment. Noise emissions were measured in accordance with ISO 7779 (ECMA 74) and declared in accordance with ISO 9296 (ECMA 109). The listed sound levels apply to standard shipping configurations. Additional options may result in increased sound levels. Please ask your HPE representative for more information from the HPE EMESC website for further technical details. Acoustic levels presented here are based on the test configuration only. Acoustics levels will vary depending on system configuration. Values are subject to change without notification and are for reference only.

HPE StoreOnce 3720	
Idle	LWAd 5.4 B
(disks spinning)	LpAm 36 dBA
Operating	LWAd 6.3 B
(random seeks to disks)	LpAm 45 dBA

HPE StoreOnce 3760	
Idle	LWAd 5.4 B
(disks spinning)	LpAm 36 dBA
Operating	LWAd 6.3 B
(random seeks to disks)	LpAm 45 dBA

HPE StoreOnce 5720	
Idle	LWAd 6.8 B
(disks spinning)	LpAm TBD dBA
Operating	LWAd 7.3 B
(random seeks to disks)	LpAm 61 dBA

HPE StoreOnce 7700	
Idle	LWAd 5.4 B
Operating	LWAd 7.3 B

HPE StoreOnce 3660	
Idle	LWAd 5.0 B
(disks spinning)	LpAm 32 dBA
Operating	LWAd 5.0 B
(random seeks to disks)	LpAm 32 dBA

Technical Specifications

HPE StoreOnce 5260	
Idle	LWAd 5.2 B
(disks spinning)	LpAm 34 dBA
Operating	LWAd 5.3 B
(random seeks to disks)	LpAm 37 dBA

HPE StoreOnce 5660	
Idle	LWAd 5.7 B
(disks spinning)	LpAm 44 dBA
Operating	LWAd 6.4 B
(random seeks to disks)	LpAm 48 dBa

Physical Dimensions

System		**3720**	**3760**	**5720**	**7700**	**3660**	**5260**	**5660**
Dimensions (Base system)	**Form Factor**	2U	2U	4U	2U	2U	4U	4U
	Out of box **Height** **Width** **Depth**	8.75 cm 44.80 cm 81.28 cm 3.44 in 17.63 in 32.00 in	8.75 cm 44.80 cm 81.28 cm 3.44 in 17.63 in 32.00 in	17.58 cm 44.80 cm 86.09 cm 6.92 in 17.64 in 33.90 in	8.75 cm 44.80 cm 81.28 cm 3.44 in 17.63 in 32.00 in	8.75 cm 44.54 cm 74.90 cm 3.44 in 17.54 in 29.50 in	8.75 cm 44.54 cm 71.10 cm 3.44 in 17.54 in 28.00 in	8.75 cm 44.54 cm 71.10 cm 3.44 in 17.54 in 28.00 in
Weight (indicative, actual weight depends on configuration)	**Out of box**	21 – 43 kg 47 – 95 lbs	21 – 43 kg 47 – 95 lbs	upto 117 kg upto 259 lbs	21 – 43 kg 47 – 95 lbs	25 kg 55 lbs	21 kg 46 lbs	21 kg 46 lbs

Technical Specifications

Environmental Ranges		
Environmental	**Operating temperature**	10° to 35°C (50° to 95°F) at sea level with an altitude derating of 1.0°C per every 305 m (1.8°F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), ensure the system is not exposed to direct, sustained sunlight. Maximum rate of change is 20°C/hr (36°F/hr). The upper limit and rate of change may be limited by the type and number of options installed. System performance during standard operating support may be reduced if operating with a fan fault or above 30°C (86°F).
	Shipping temperature	-30° to 60°C (-22° to 140°F). Maximum rate of change is 20°C/hr (36°F/hr).
	Operating humidity	8% to 90% - Relative humidity (Rh), 28°C maximum wet bulb temperature, non-condensing
	Shock and vibration	Levels of shock the product can withstand with no damage being incurred. The values represent a peak input acceleration during an 11ms half-sine shock pulse. Operating: 2 G's Non-operating: 15 G's Levels of vibration the product can withstand with no damage being incurred. The values represent a flat random vibration input acceleration profile across the given frequency range. Operating: Random vibration at 0.000075 G^2/Hz, 10 Hz to 300 Hz, (0.15 G's nominal). Non-operating: Random vibration at 0.0005 G^2/Hz, 10 Hz to 500 Hz, (0.5 G's nominal).
		Notes: For the HPE StoreOnce 3660, HPE StoreOnce 5260, HPE StoreOnce 5660, the levels of shock and vibration are for base unit only.

Summary of Changes

Date	Version History	Action	Description of Change
19-Oct-2026	Version 62	Changed	QuickSpecs maintenance updates have been applied.
18-May-2026	Version 61	Changed	Model Information table "Max drives per system" corrected to "Max VTL drives per system". On StoreOnce 3760 information “9960GB SSDs” corrected to “960 GB SSDs”
06-Apr-2026	Version 60	Changed	Option Features and Configuration Information sections were updated with minimal cleaning and wording changes. Technical Specifications section was updated - Power Requirements were updated for HPE StoreOnce 3720, 3670, 5720, 7700, 3660, 5260, and 5660.
27-Feb-2026	Version 59	Changed	Standard Features, Optional Features, Configuration Information and Technical Specifications sections were updated. The most recent update introduces modest enhancements focused on improving integration with environmental features, as well as providing additional complementary configuration details.
02-Feb-2026	Version 58	Added	– Content for new HPE StoreOnce 5720 and StoreOnce 7700 models – Inserted clarification in Section 1 and Capacity and Performance Numbers regarding sizing guidance. – Added new content in What’s New highlighting HPE StoreOnce 3720 for small environments; refined Scaling Up and Scaling Out section. – Expanded Integrated Protection for HPE Alletra Storage MP B10000 section to include additional supported models.
		Changed	– Updated phrasing in Reducing the Time to Restore Data to emphasize RPOs and RTOs; removed reference to restore speeds. – Revised multiple sections for clarity and consistency: updated terminology (e.g., “disk” to “storage”), improved descriptions in Cloud Bank Storage and Catalyst sections, and streamlined integration details. – Updated performance figures in Meeting Shrinking Backup Windows from 105 TB/hr to 300 TB/hr based on performance of new models. – Enhanced Security/Encryption section: clarified encryption key management and compliance references. – Revised Purchasing Information for accuracy: updated SKU descriptions and capacity upgrade details. – Revised power requirements numbers for current shipping models and to enable comparison between generations. – Part number correction: S4Q11AAE to S4P11AAE. Corrected Local raw capacity of HPE StoreOnce 3660 from 44 TB to 48 TB in Summary Specifications table. Minor updates.
		Removed	Deleted redundant phrases and outdated details in Models and What’s New sections.

Summary of Changes

Date	Version History	Action	Description of Change
22-Sep-2025	Version 57	Changed	Standard Features section was updated - Corrected SKU numbers for HPE StoreOnce Encryption for Gen5 systems (3720, 3760) and HPE StoreOnce Cloud Bank.
		Added	Configuration Information section was updated - Table to show interoperability of network adapters and cables for HPE StoreOnce Gen5 products
04-Aug-2025	Version 56	Changed	– Overview and Standard Features sections were updated - Provided clarity on raw, usable and effective capacities. Standardized on a 60:1 ratio between usable and effective capacity. – Configuration Information section was updated - New Network adaptor kits for HPE StoreOnce 3660, HPE StoreOnce 5260, HPE StoreOnce 5660 SKUs were added – Technical Specifications section was updated - Model Information was updated
		Added	New SKUs were added - BB990A, BB986A
07-Jul-2025	Version 55	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated. Added content on Gen5 models (3720, 3760). Removed content on Gen4 models (3630, 3640, 5200, 5250, 5650).
		Removed	Obsolete SKUs were removed - BB982A, BB984A
18-Feb-2025	Version 54	Changed	HPE Services Rebranding correction
19-Feb-2024	Version 53	Changed	Overview, Service and Support and Configuration Information sections were updated. HPE Services Rebranding
21-Aug-2023	Version 52	Changed	Overview, Standard Features, Configuration Information and Technical Specifications sections were updated.
10-Jul-2023	Version 51	Changed	Overview, Standard Features and Service and Support sections were updated
01-May-2023	Version 50	Changed	Overview and Standard Features sections were updated
07-Feb-2022	Version 49	Changed	Standard Features section was updated
06-Dec-2021	Version 48	Changed	Service and Support section was updated
01-Nov-2021	Version 47	Changed	Configuration Information section was updated
04-Oct-2021	Version 46	Changed	Service and Support section was updated
07-Sep-2021	Version 45	Changed	Overview, Standard Features, Service and Support,Configuration Information and Technical Specifications sections were updated.
01-Mar-2020	Version 44	Changed	Changes made throughout the entire document.
06-Jul-2020	Version 43	Changed	Overview, Configuration Information and Standard Features sections were updated.
18-May-2020	Version 42	Changed	Configuration Information and technical Specifications sections were updated.
20-Apr-2020	Version 41	Changed	Configuration Information section was updated.

Summary of Changes

Date	Version History	Action	Description of Change
20-Jan-2020	Version 40	Changed	Standard Features Configuration Information and technical Specifications sections were updated.
16-Dec-2019	Version 39	Changed	Configuration Information Section was updated.
02-Dec-2019	Version 38	Changed	Standard Features and Configuration Information sections were updated.
04-Nov-2019	Version 37	Changed	Changes made throughout the entire document.
07-Oct-2019	Version 36	Changed	VSA information was added, and Technical Specifications section was updated.
01-Jul-2019	Version 35	Changed	Technical Specifications section was updated.
06-May-2019	Version 34	Changed	Overview, HPE StoreOnce Backup Models, Common Features and Benefits, HPE StoreOnce Systems, Technical Specifications and Service and Support sections were updated.
04-Mar-2019	Version 33	Changed	Technical Specifications section was updated.
04-Feb-2019	Version 32	Changed	HPE StoreOnce VSA Backup, Software Options and Technical Specifications sections were updated.
03-Dec-2018	Version 31	Changed	Overview, HPE StoreOnce Backup Models, Common Features and Benefits, HPE StoreOnce Systems, Software Options, Technical specifications and Service and Support sections were updated
15-Oct-2018	Version 30	Changed	Overview, HPE StoreOnce Backup Models, Common Features and Benefits, HPE StoreOnce Systems, Software Options, Technical specifications and Service and Support sections were updated
01-Oct-2018	Version 29	Changed	Overview, HPE StoreOnce backup, HPE StoreOnce system, Standard Features, HPE StoreOnce VSA backup, Software Options and Technical Specifications sections were updated
07-May-2018	Version 28	Changed	Entitlement Certificate was updated to Capacity Upgrade License Entitlement Certificate. Software options section was revised.
02-Apr-2018	Version 27	Changed	Technical Specifications was revised SKU descriptions were updated.
		Removed	Obsolete SKUs were removed.
05-Mar-2018	Version 26	Changed	The http://www.HPE.com/Storage/DAPRCompatibility URL was updated to: http://www.HPE.com/Storage/StoreOnceSupportMatrix.
05-Feb-18	Version 25	Changed	Overview section was revised.
08-Jan-2018	Version 24	Changed	Changes made throughout the QuickSpecs
04-Dec-2017	Version 23	Changed	Changes made throughout the entire document.
25-Sep-2017	Version 22	Changed	Changes made throughout the entire document.
07-Aug-2017	Version 21	Changed	Changes made throughout the entire document.
11-Jul-2017	Version 20	Changed	Changes made throughout the QuickSpecs.
05-Jun-2017	Version 19	Changed	Changes made throughout the entire document.
13-Feb-2017	Version 18	Changed	Changes made throughout the entire document.
26-Sep-2016	Version 17	Changed	Changes made throughout the entire document.

Summary of Changes

Date	Version History	Action	Description of Change
16-Sep-2016	Version 16	Changed	Changes made to the VSA Section.
27-May-2016	Version 15	Changed	Changes made to cover new perpetual HPE StoreOnce VSA LTUs and the added 20 TB LTU. Clean up HP à HPE. Cleaned up units e.g. 20 TB à 20 TB (for consistency).
25-Apr-2016	Version 14	Changed	Changes made throughout the entire document.
31-Mar-2016	Version 13	Changed	Changes made throughout the entire document.
17-Dec-2015	Version 12	Changed	Fixed some typos from last version.
01-Dec-2015	Version 11	Changed	Changes made throughout the entire document.
24-Jul-2015	Version 10	Changed	Changes made throughout the entire document.
19-Jun-2015	Version 9	Changed	Changed made to the HPE StoreOnce VSA Backup and the Software Options Sections.
08-May-2015	Version 8	Changed	Corrected some SKU numbers for the HPE StoreOnce VSA and corrected some URLs.
06-Apr-2015	Version 7	Changed	Changed the version to 7 to match Product Bulletin.
30-Mar-2015	Version 6	Changed	Changes made throughout the entire document.
30-Jan-2015	Version 5	Changed	Edits made to 4900 support shelf, 6500 what's in the box contents and 'What's new' June '14 date removal.
09-Jan-2015	Version 4	Changed	Changes to the HPE StoreOnce 6600 purchasing information table.
15-Sep-2014	Version 3	Changed	Update the firmware version number of the 6500 model.
18-Aug-2014	Version 2	Changed	Changes were made throughout the Overview, Technical Specifications, and Software Options Sections. Product Descriptions Updated.
10-Jun-2014	Version 1	New	New QuickSpecs

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c04328820 - 14996 - Worldwide - V62 - 19-October-2026
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